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FOI280-7624E660

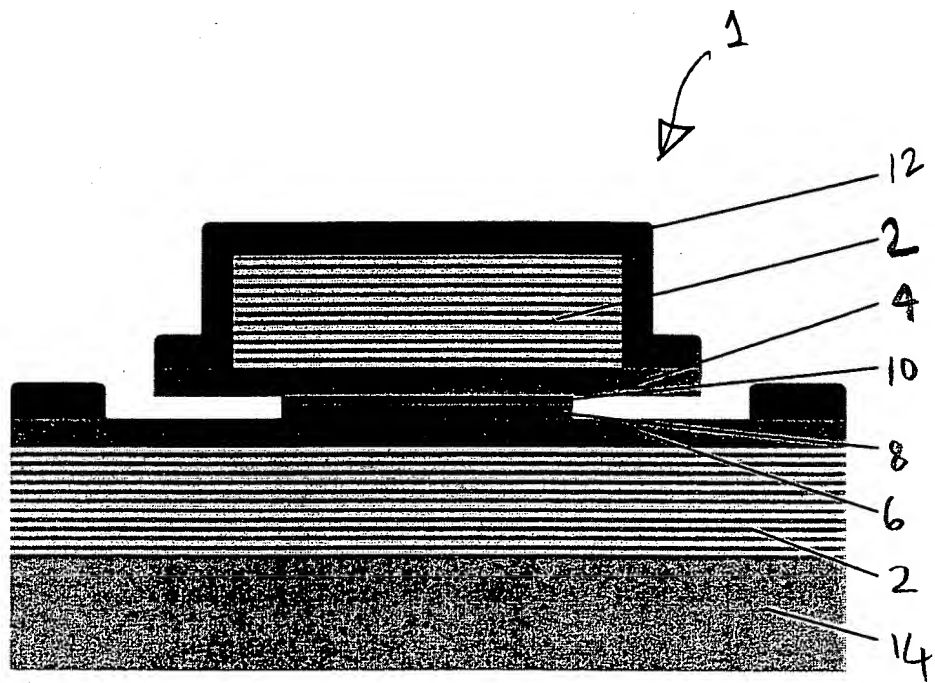


Fig. 1

	Thermal Conductivity [W/K-cm]	Mobility [cm ² /V-s]	
		electron	hole
InP	0.68	4600	150
AlAsSb	0.04	80	
AlGaAsSb	0.03	700	
GaAs	0.45	8500	400

Fig 2

Figure 1 is a graph showing the relationship between Current [mA] (x-axis, 0 to 20) and two other variables: Light [mW] (left y-axis, 0 to 0.3) and Voltage [V] (right y-axis, 0 to 8). The graph displays three curves for different temperatures: 0°C, 10°C, and 20°C. The 0°C curve shows the highest light output, peaking at approximately 0.28 mW around 12 mA. The 10°C curve peaks at approximately 0.15 mW around 10 mA. The 20°C curve peaks at approximately 0.11 mW around 10 mA. A dotted curve represents the Voltage [V], which increases linearly from 0 V at 0 mA to approximately 6 V at 20 mA. An arrow points to the dotted curve.

Fig 3

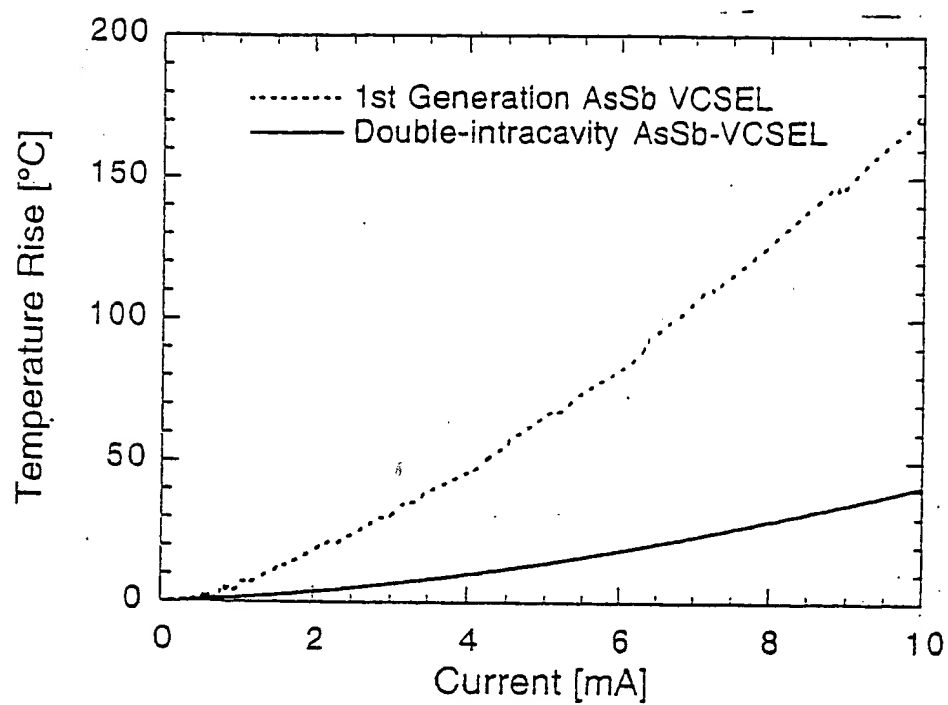


Fig. 4

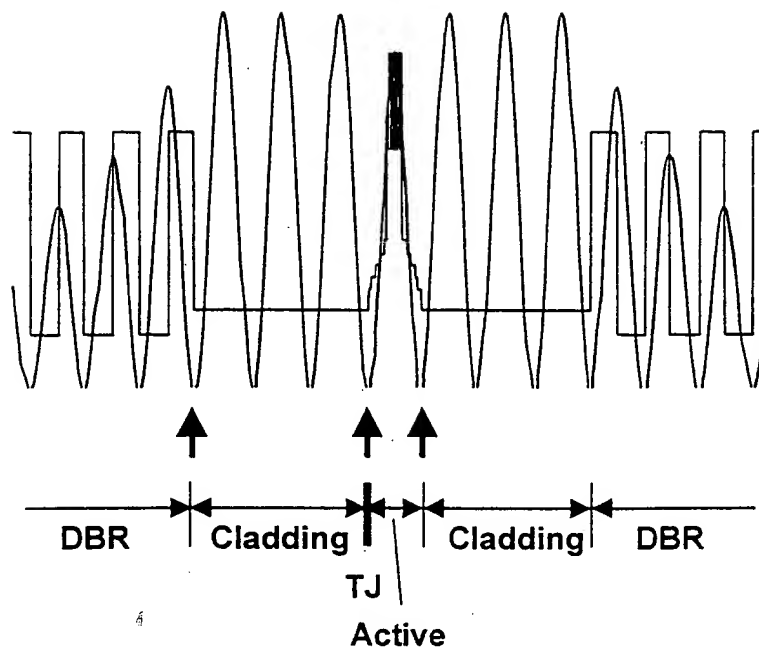


Fig 5

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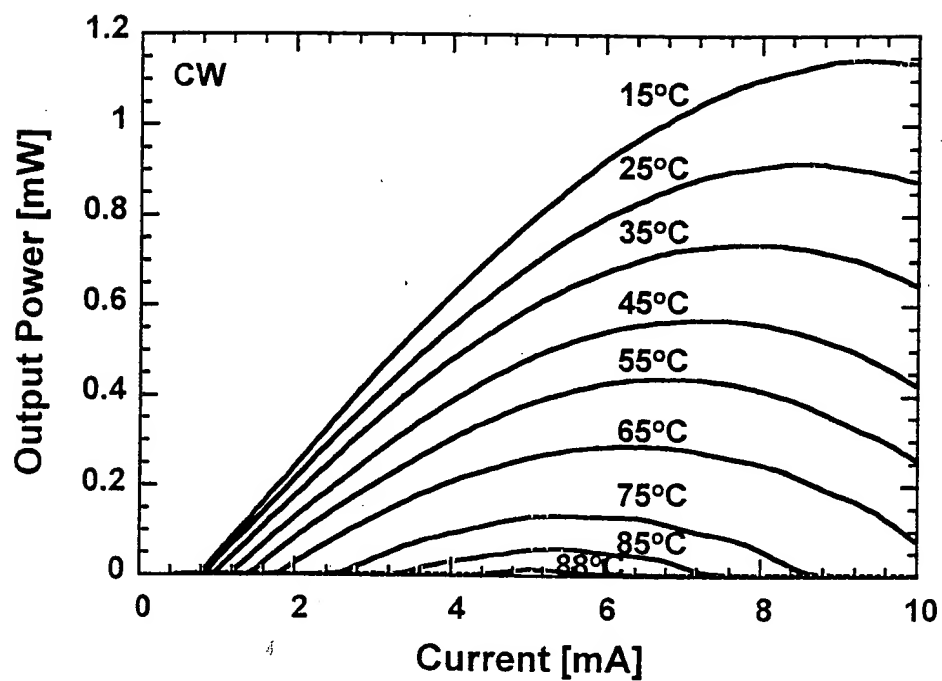


Fig. 6

FOUO-FOUO

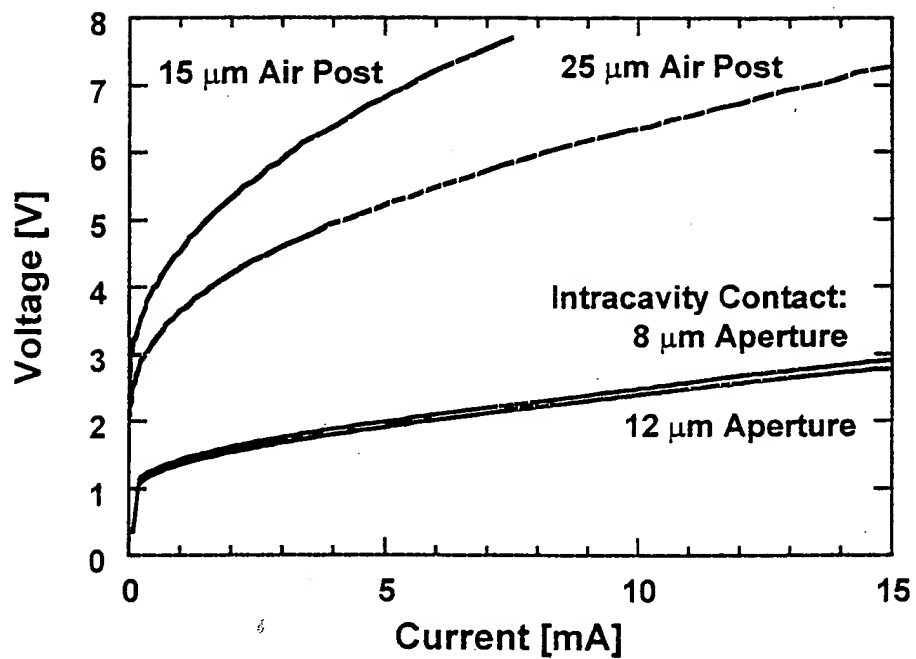


Fig 7

FOUO-FOUO-FOUO

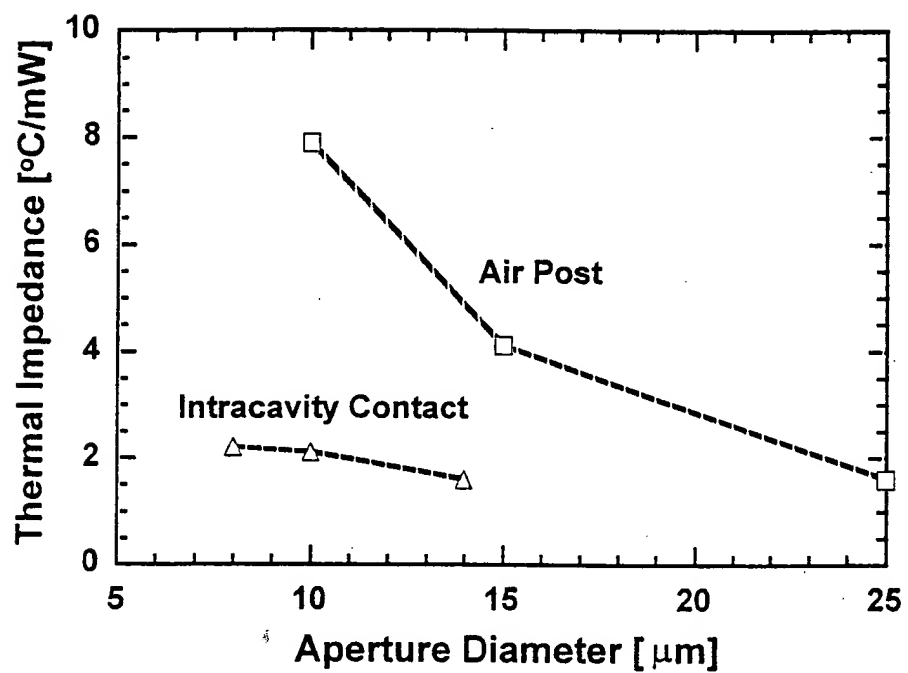


Fig. 8

FOUO-FOUO

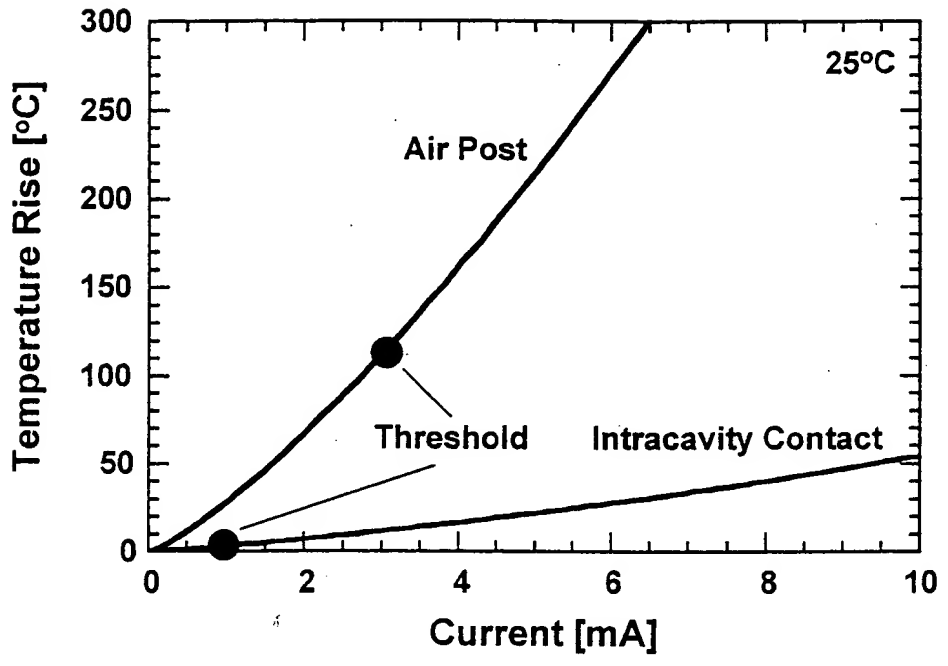


Fig 9